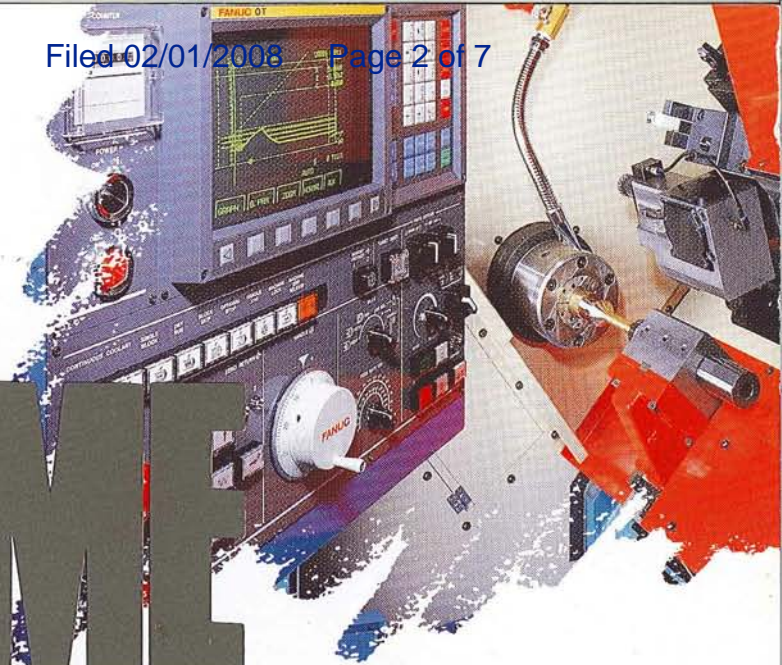


# Exhibit M



# IMTS

1986 INTERNATIONAL MACHINE TOOL SHOW



# WELCOME TO THE WORLD OF PRECISION

**Miyano**

The World Leader in Precision

Exhibit M



# PRECISION MACHINES FOR H

3-AXIS CNC TURNING CENTER  
**BNC-12S**

High speed bar machine equipped with a 3-axis synchronous sub-spindle for secondary operation



3-AXIS CNC TURNING CENTER  
**BNC-20S**

High speed large synchronous su



3-AXIS CNC TURNING CENTER  
**BNC-34T**

3-Axis programmable end-working turret provides maximum productivity by simultaneous 3-axis cutting



2-Axis CNC TURNING CENTER  
**KNC-35**

Twin turret design reduces idle time, offers cross/end drilling, milling and tapping capability



4-AXIS CNC TURNING CENTER  
**ANC-45**



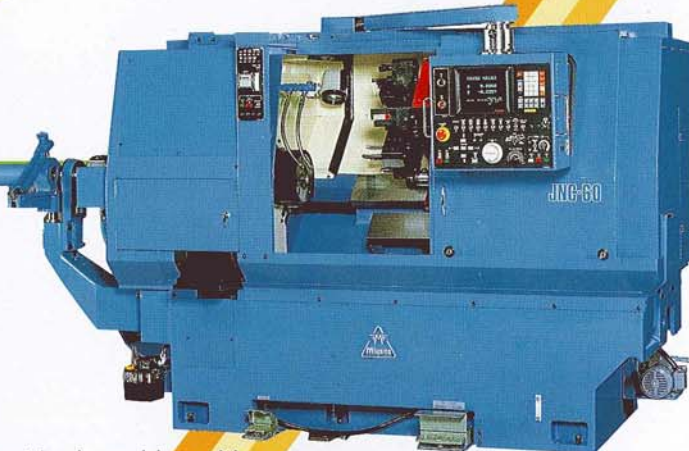
# HIGHER PRODUCTIVITY THROUGH

arger capacity bar machine equipped with a 3-axis  
sub-spindle for secondary operation



2-AXIS CNC TURNING CENTER  
**JNC-60**

Heavy duty universal slant bed machine providing  
screw machine speed with CNC accuracy



2 AND 3-AXIS CNC TURNING CENTER  
**ATS-45**

Heavy Duty universal slant bed machine with  
powerful revolving tool attachment and C-Axis control



2-AXIS GANG TOOL CNC TURNING  
**GN-4**

ENTER  
**5**

4-Axis control with a sub-spindle and revolving tools  
allows completion of parts in a shorter cycle time



VERTICAL MACHINING CENTER  
**MSV-21**

Compact designed machine  
provides the maximum





# HIGH ADVANCED TECHNOLOGY

## 2-AXIS 2-SPINDLE CNC TURNING CENTER LNC-C200

Twin spindle symmetrical design offers the most highly efficient use of a turning center in a production line



## TURNING CENTER

High precision linear slide machine provides fastest cycle times and highest micro-finish accuracy



igned machine with high speed and accu  
he maximum productivity for small parts

## VERTICAL MACHINING CENTER MSV-41

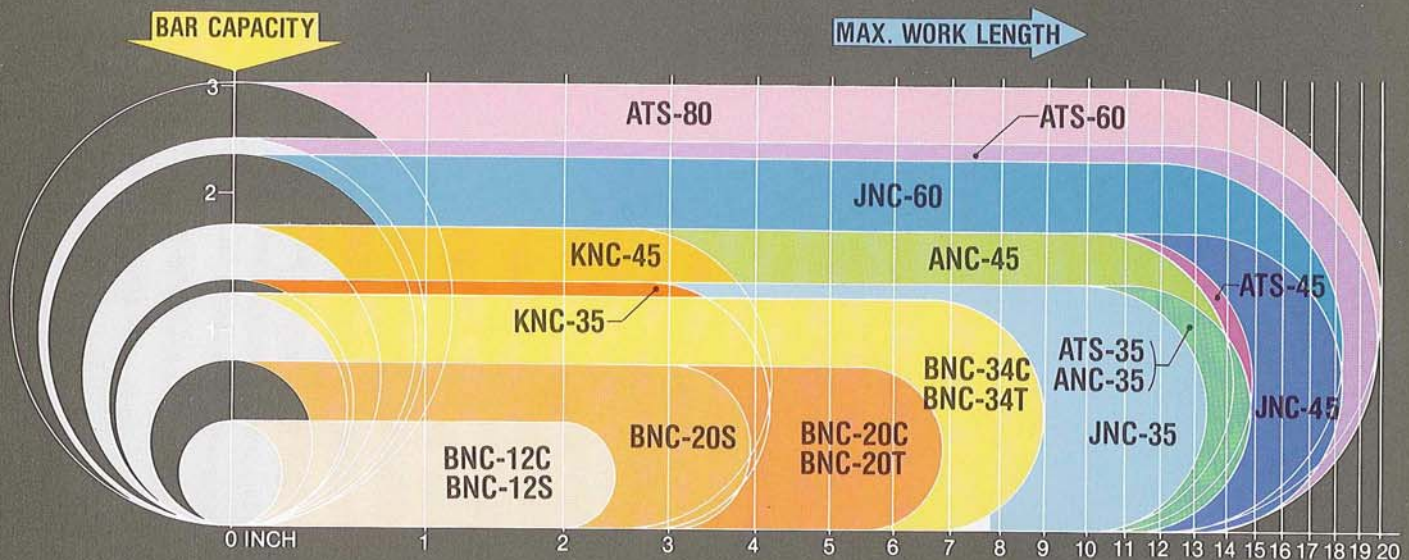
Heavy duty universal machine providing high accuracy and maximum machining productivity by using a large capacity ATC unit





Case 1:08-cv-00526 Document 16-5 Filed 02/01/2008 Page 6 of 7

# A WIDE VARIETY OF TURNING AND MACHINING CENTERS DESIGNED TO BE YOUR PARTNER IN PRECISION WITH TOMORROW'S TECHNOLOGY TODAY.



## BNC-12 SERIES

	BNC-12C	BNC-12S
Bar Capacity	1/2"	1/2"
Chuck Size	—	—
Max. Work Length	2-1/2"	2-1/2"
Turret Station	6	6
Max. RPM	8,000	8,000

## BNC-20 SERIES

	BNC-20C	BNC-20T	BNC-20S
Bar Capacity	13/16"	13/16"	13/16"
Chuck Size	4"	4"	—
Max. Work Length	6-7/8"	6-7/8"	4"
Turret Station	6	6 + 6	6
Max. RPM	6,500	6,500	6,500

## BNC-34 SERIES

	BNC-34C	BNC-34T
Bar Capacity	1-1/4"	1-1/4"
Chuck Size	5"	5"
Max. Work Length	9"	9"
Turret Station	6	6 + 6
Max. RPM	5,000	5,000

## JNC SERIES

	JNC-35	JNC-45	JNC-60
Bar Capacity	1-3/8"	1-3/4"	2-3/8"
Chuck Size	6"—8"	8"—10"	10"
Max. Work Length	13-1/2"	18-1/2"	18-1/2"
Turret Station	8	8	8
Max. RPM	5,000	4,000	3,000

## KNC SERIES

	KNC-35	KNC-45
Bar Capacity	1-3/8"	1-3/4"
Chuck Size	6"	8"
Max. Work Length	4-1/4"	4-1/4"
Turret Station	6 + 6	6 + 6
Max. RPM	5,000	4,000

## ATS SERIES

	ATS-35	ATS-45	ATS-60	ATS-80
Bar Capacity	1-3/8"	1-3/4"	2-1/2"	3-1/16"
Chuck Size	6"	8"	10"	12"
Max. Work Length	15"	15"	30"	30"
Turret Station	12	12	12	12
Max. RPM	5,000	4,000	3,000	2,400

## ANC SERIES

	ANC-35	ANC-45
Bar Capacity	1-3/8"	1-3/4"
Chuck Size	6" + 4"	8" + 4"
Max. Work Length	15"	14-3/8"
Turret Station	12 + 6	12 + 6
Max. RPM	5,000	4,000

## GN SERIES

	GN-3	GN-4
Chuck Size	3-1/2"	4"
Max. Work Length	2-3/8"	3-5/32"
Max. Tool Station	5	8
Max. RPM	5,000	4,000
Spindle Drive	3 HP	5 HP

## LNC SERIES

	LNC-C165	LNC-C200
Chuck Size	6" + 6"	8" + 8"
Max. Work Length	5-1/2"	5-1/2"
Turret Station	8 + 8	8 + 8
Max. RPM	5,000	4,000
Spindle Drive	10HP x 2	10HP x 2

## MSV SERIES

	MSV-21	MSV-41
Table Size	10" x 20"	20-1/2" x 43"
Travel (X x Y x Z)	12" x 10" x 10"	32" x 18" x 18"
Max. RPM	12,000	6,000
ATC Station	16	30
Tool Holder	BT 30	BT 40





# IMTS

The world of manufacturing technology

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September 3-11, 1986 • Chicago, Illinois, USA

# MIYANO

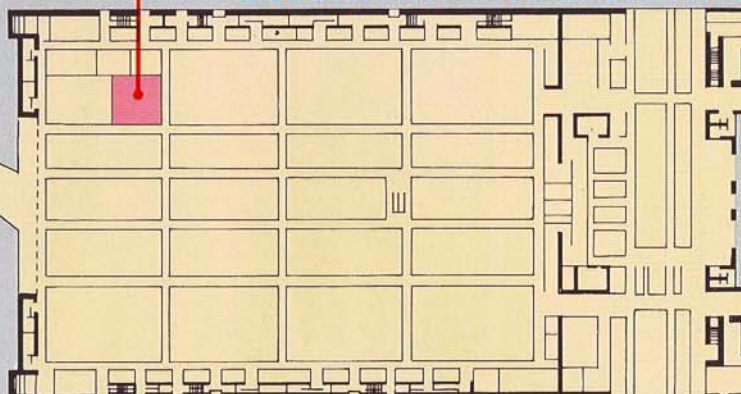
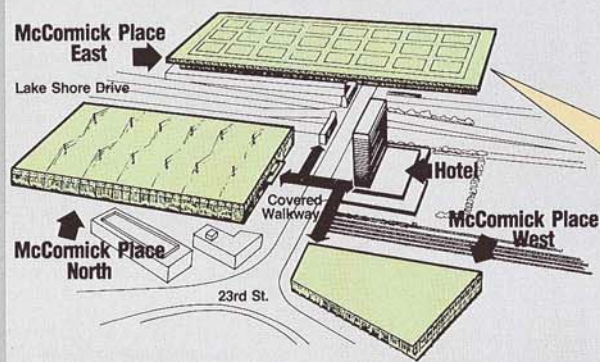
MIYANO is presenting at the 1986 International Machine Tool Show an exhibition of technologically advanced turning and machining centers. See the complete line of machines demonstrated in our booth 2553.

Let MIYANO show you at IMTS how advanced technology can increase your productivity.

## Miyano

**SEE OUR PRODUCT  
BOOTH NO. 2553**

**McCORMICK PLACE EAST-Level 2**



## MIYANO MACHINERY JAPAN INC.

3-1, Shimorenjaku 7-chome, Mitaka-shi, Tokyo 181, Japan

Phone: 0422-46-1121 Telex: 02822333 MINOTO J

Facsimile: 0422-44-6699

Overseas Office: Düsseldorf

## MIYANO MACHINERY USA INC.

1071 Thorndale Ave., Bensenville, Illinois 60106

Phone: 312-766-4141 Telex: 910-256-0480

Facsimile: 312-860-7266

**Westcoast Branch:**

2831 N. San Fernando Blvd., Burbank, California 91504

Phone: 818-848-6619 Telex: 0194254

Facsimile: 818-842-2052